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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q95377

Katsuhiro YAMANAKA, et al.

Appln. No.: 10/582,108

Group Art Unit: 1714

Confirmation No.: 1650

Examiner: unknown

Filed: June 8, 2006

For: FLAME-RETARDANT STYRENE TYPE RESIN COMPOSITION AND MOLDED PRODUCT THEREFROM

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003. Also, three communications from a foreign patent office in a counterpart application are enclosed.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

1. The citing of corresponding US Patent 4,178,281 and the submission of an English language abstract for JP-A-54-157156 constitutes a concise statement of relevance of JP-A-54-157156.
2. The citing of corresponding US Patent 4,162,278 and the submission of an English language abstract for JP-A-54-143460 constitutes a concise statement of relevance of JP-A-54-143460.
3. The submission of an English language abstract for JP-A-8-176396 constitutes a concise statement of relevance of JP-A-8-176396.
4. The submission of an English language abstract for JP-A-8-311278 constitutes a concise statement of relevance of JP-A-8-311278.
5. The submission of an English language abstract for JP-A-9-227772 constitutes a concise statement of relevance of JP-A-9-227772.
6. The citing of corresponding EP 0 943 653 A1 and the submission of an English language abstract for JP-A-11-256023 constitutes a concise statement of relevance of JP-A-11-256023.
7. The submission of an English language abstract for JP-A-10-298417 constitutes a concise statement of relevance of JP-A-10-298417.
8. The submission of an English language abstract for JP-A-2000-103972 constitutes a concise statement of relevance of JP-A-2000-103972.
9. The submission of an English language abstract for JP-A-2001-294723 constitutes a concise statement of relevance of JP-A-2001-294723.
10. The submission of an English language abstract for JP-A-2001-146541 constitutes a concise statement of relevance of JP-A-2001-146541.
11. The disclosure on page 2 of the present specification and the submission of an English language abstract for JP-54-38348 constitutes a concise statement of relevance of JP-54-38348.

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U.S. Application No.: 10/582,108

Attorney Docket No. Q95377

12. The disclosure on page 2 of the present specification and the submission of an English language abstract for JP-A-5-287119 constitutes a concise statement of relevance of JP-A-5-287119.

13. The disclosure on page 2 of the present specification and the submission of an English language abstract for JP-A-5-339417 constitutes a concise statement of relevance of JP-A-5-339417.

14. The disclosure on page 2 of the present specification and the submission of an English language abstract for JP-A-7-316383 constitutes a concise statement of relevance of JP-A-7-316383.

15. The disclosure on page 2 of the present specification and the submission of an English language abstract for JP-A-9-132693 constitutes a concise statement of relevance of JP-A-9-132693.

16. The disclosure on page 2 of the present specification and the submission of an English language abstract for JP-A-9-151315 constitutes a concise statement of relevance of JP-A-9-151315.

17. The disclosure on page 4 of the present specification and the submission of an English language abstract for WO 01/57134 A1 and submission of corresponding English language EP 1 262 519 A1 constitutes a concise statement of relevance of WO 01/57134 A1.

18. The disclosure on page 5 of the present specification and the submission of an English language abstract for WO 02/092690 A1 and submission of corresponding English language EP 1 408 085 A1 constitutes a concise statement of relevance of WO 02/092690 A1.

19. The citing of corresponding English language EP 0 530 874 A2 and the submission of an English language abstract for JP-A-5-222079 constitutes a concise statement of relevance of JP-A-5-222079.

20. The submission of an English language abstract for JP-A-2000-80283 constitutes a concise statement of relevance of JP-A-2000-80283.

21. The submission of an English language abstract for JP-A-2002-37973 constitutes a concise statement of relevance of JP-A-2002-37973.

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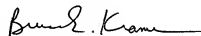
22. The citing of corresponding English language GB 2 003 888 A and the submission of an English language abstract for JP-A-54-60354 constitutes a concise statement of relevance of JP-A-54-60354.

23. The citing of corresponding US Patent 4,228,063 and the submission of an English language abstract for JP-A-55-157649 constitutes a concise statement of relevance of JP-A-55-157649.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



Bruce E. Kramer  
Registration No. 33,725

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: February 22, 2007



Substitute for Form 1449 A &amp; B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/582,108
Confirmation Number	1650
Filing Date	June 8, 2006
First Named Inventor	Katsuhiro YAMANAKA
Art Unit	1714
Examiner Name	unknown
Attorney Docket Number	Q95377

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 4,178,281		12-11-1979	Horn, Jr.
		US 4,162,278		07-24-1979	Granzow
		US 4,174,343		11-13-1979	Hardy et al.
		US 4,228,063		10-14-1980	Granzow

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	54-157156	A	12-11-1979	BORG WARNER	Abstract and corresponding US Patent 4,178,281 cited above
		JP	54-143460	A	11-08-1979	AMERICAN CYANAMID CO	Abstract and corresponding US Patent 4,162,278 cited above
		JP	8-176396	A	07-09-1996	ASAHI CHEM IND CO LTD	Abstract
		JP	8-311278	A	11-26-1996	ASAHI CHEM IND CO LTD	Abstract
		JP	9-227772	A	09-02-1997	DAICEL CHEM IND LTD DAIHACHI CHEM IND CO LTD	Abstract
		JP	11-256023	A	09-21-1999	DAICEL CHEM IND LTD	Abstract and corresponding EP 0 943 653 A1 cited below
		EP	0 943 653	A1	09-22-1999	DAICEL CHEM IND LTD	
		JP	10-298417	A	11-10-1998	ASAHI CHEM IND CO LTD	Abstract
		JP	2000-103972	A	04-11-2000	TORAY IND INC	Abstract
		JP	2001-294723	A	10-23-2001	TEIJIN CHEM LTD	Abstract
		JP	2001-146541	A	05-29-2001	TEIJIN CHEM LTD	Abstract

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature	/Peter Szekeley/	Date Considered	08/05/2008
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language translation is provided.

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Sheet 2 of 3

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		US			
		US			
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		US			

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	54-38348	A	03-22-1979	ASAHI CHEM IND CO LTD	ABSTRACT
		JP	5-287119	A	11-02-1993	ASAHI CHEM IND CO LTD	ABSTRACT
		JP	5-339417	A	12-21-1993	ASAHI CHEM IND CO LTD	ABSTRACT
		JP	7-316383	A	12-05-1995	ASAHI CHEM IND CO LTD	ABSTRACT
		JP	9-132693	A	05-20-1997	NIPPON STEEL CHEM CO LTD	ABSTRACT
		JP	9-151315	A	06-10-1997	NIPPON G II PLAST KK	ABSTRACT
		WO	01/57134	A1	08-09-2001	TEIJIN CHEMICALS LTD	ABSTRACT & corresponding EP 1 262 519 A1 cited below
		EP	1 262 519	A1	12-04-2002	TEIJIN CHEMICALS LTD	
		WO	00/17268	A1	03-30-2000	ALBEMARLE CORPORATION	
		WO	02/092690	A1	11-21-2002	TEIJIN CHEMICALS LTD	ABSTRACT & corresponding EP 1 408 085 A1 cited below
		EP	1 408 085	A1	04-14-2004	TEIJIN CHEMICALS LTD	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language translation is provided. If not, then "N/A".

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	5-222079	A	08-31-1993	ENICHEM SYNTHESIS S.p.A.	ABSTRACT & corresponding EP 0 530 874 A2 cited below
		EP	0 530 874	A2	03-10-1993	ENICHEM SYNTHESIS S.p.A.	
		JP	2000-80283	A	03-21-2000	TEIJIN CHEM LTD	ABSTRACT
		JP	2002-37973	A	02-06-2002	TEIJIN CHEM LTD	ABSTRACT
		JP	54-60354	A	05-15-1979	GEN ELECTRIC	ABSTRACT & corresponding GB 2 063 888 A cited below
		GB	2 003 888	A	03-21-1979	GENERAL ELECTRIC COMPANY	
		JP	55-157649	A	12-08-1980	AMERICAN CYANAMID CO	ABSTRACT & corresponding US Patent 4,228,063 cited on page 1 of SB/08 form

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